

TECHNICIAN VACANCY ANNOUNCEMENT

MERIT PLACEMENT AND PROMOTION OPPORTUNITIES

Human Resource Office
North Dakota Army National Guard
J1ND-DHR-PSS
P.O. Box 5511
Bismarck, ND 58506-5511

Human Resource Office
North Dakota Air National Guard
119th Wing/DPC
1400 32nd Ave North
Fargo, ND 58102-1051

Announcement Number: ARNG 11-12

Applications accepted from 12/13/2010 **thru close of business on** 1/11/2011

Position Title, Series, Grade: Electronics Mechanic, WG-2604-10/11

Position Description No: D1205000 **Location of Position:** CSMS, Devils Lake, ND

Salary Range: WG-10 \$23.36 to \$27.29 WG-11 \$24.35 to \$28.46 **Earliest Fill Date:** 1/30/11

Selecting Supervisor: LTC Ed Johnson, Surface Maintenance Mechanic Supervisor

Appointment Factors:

Excepted	Enlisted	Permanent	Non-Supervisory
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Area of Consideration:

NDARNG Fulltime Enlisted technicians
NDARNG Enlisted members

Compatibility: CMF 94 MOS: 15F, 15J, 15X, 15Y, 25C, 25D, 25F, 25L, 25P, 25Q, 25R, 25S, 33W, 91F, 91G, 91K, 92A

INDIVIDUAL DOES NOT HAVE TO CURRENTLY BE ASSIGNED TO ONE OF THESE CAREER FIELDS TO BE CONSIDERED FOR THIS POSITION. COMPATIBILITY REQUIREMENTS MUST BE MET OR A SPECIFIC PLAN BE DEVELOPED UPON SELECTION

Description of Duties:

(1) Performs functional tests, analyzes performance and malfunctions, removes, installs, tests, maintains, modifies, performs alignments and troubleshoots the electronic, electrical, mechanical and hydraulic assemblies, modules, and interconnecting cables of a variety of combat and tactical equipment to include the M1 series main battle tank, M2/3 series Bradley fighting vehicle, Multiple Launch Rocket System (MLRS), TOW Missile System and the ATACMS Launch Loader Module (LLM). Utilizes Integrated Family Test Equipment (IFTE), Built In Test Equipment (BITE) and break out boxes (BOB) for fault isolation, verification, or adjustment of assemblies and modules. Repairs or replaces chassis mounted components on Unit Under Test (UUT). Performs Automatic Test Equipment (ATE) operations for fault isolation on LLM electronic modules, circuit cards, and assemblies to component level. Replaces faulty components on UUT printed circuit boards and power distribution systems. Utilizes oscilloscopes, signal generators, digital multi-meters, and other test equipment to locate, diagnose, and repair malfunctions.

(2) Troubleshoots and repairs launch pod/container (LP/C), trainer rocket simulator modules, Missiles/Launchers Pod Assembly (M/LPA), trainer missile simulator modules, and various like items. Troubleshoots carrier electrical and power distributions systems as an integrated subsystem of the weapon system or equipment being repaired. Isolates faulty assemblies, cables, wiring harnesses and modules to component level for repair or replacement. Insures proper integration of information between carrier, Fire Control System (FCS), vehicle and equipment hydraulic and mechanical systems, secure digital communications system, and intercommunications system. Installs equipment modifications to system per technical work orders. Performs initial and final checks and may perform inspections when required of designated systems. May act as quality assurance/control inspector for other mechanics' work. Determines deficiencies in troubleshooting procedures for the equipment being repaired and makes recommendations for corrective action to technical manuals.

(3) Performs field and limited sustainment maintenance to include installation, routine maintenance, repair, and overhaul of fixed and mobile operational communication and electronics systems, e.g., shelter mounted AM radio and teletype systems, shelter mounted single side band radio and teletype systems, shelter mounted radio relay and terminal systems, complex radar systems, interrogators, gun, rocket, and missile fire control, directional and digital computer systems, peripheral equipment, and related test equipment, and Modification Table Of Equipment (MTOE) authorized automation equipment. Repairs, aligns, and adjusts missile guidance control systems, infrared night vision sights, optical sights, and traversing units. Removes and replaces defective electrical, electronic, and mechanical components. Conducts inspections, diagnoses nature and extent of equipment malfunction. Determines whether equipment may be economically repaired or declared unserviceable, and performs required maintenance to restore to a serviceable condition various types of tactical computers, radio sets, and similar items. Repairs or salvages defective components. Isolates and diagnoses cause of circuit/component malfunction using signal string lists, schematics, standard, special, and electronic Test Measurement and Diagnostic Equipment (TMDE) or repair equipment. Uses associated field maintenance equipment in analytical maintenance procedures. Interprets complex schematic diagrams. Must exercise a high degree of judgment regarding methods and procedures for completing assignments, which may involve extending the use of conventional tools and equipment and improving changes to techniques, and procedures to reach specified parameters when factors such as temperature extremes, aging of equipment, or modification of circuits have changed operating conditions. Installs and applies equipment modifications when directed.

(4) Uses various types of test equipment to include systems test sets and stands such as AN/GRM-122s, frequency meters, standing wave indicators, oscillators, ohmmeters, voltmeters, resistance bridges, and signal generators to localize trouble by component unit, by circuit within a component, and by element of a circuit. Uses special and common hand tools, power tools, and gauges to make intricate repairs. Fabricates items and parts for repair of mechanical and electronic equipment.

SEE REVERSE FOR QUALIFICATION REQUIREMENTS AND INSTRUCTIONS FOR APPLICATION

(5) Performs administrative functions in establishing and maintaining maintenance records on equipment maintained or repaired. Assists in the preparation of requests for required repair parts.

(6) May conduct or be involved in a Maintenance Assistance and Instruction Team (MAIT) or act as an inspector on a Command Maintenance Evaluation Team (COMET) on electronic, automation, communication, and equipment. Provides technical assistance and instruction to units throughout the state so that they will be able to operate at the desired level of proficiency.

SPECIALIZED EXPERIENCE: Credit for experience is based on minimum time requirements for EACH of the Knowledge, Skills and Abilities (KSAs) detailed below. The time frames (identified in months) have been determined by the National Guard Bureau and reflect the basic amount of experience necessary to qualify for the grade of the position. KSA's are defined as:

Knowledge- an understanding of the subject matter obtained through specific academic study and/or specific practical application of the task described.

Skill - a demonstrated capability to perform the task described (e.g. type 35 or more words per minute).

Ability - based on education, work experience, life experience, or a combination of all three, it is reasonable the applicant could perform the task described.

WG-10/11 18 months experience as determined by the following Knowledge, Skills and Abilities (KSA's) needed for the duties of the position

- KSA's:**
1. Knowledge of operating electronic principles such as circuit elements, digital logic, microprocessors, core memory, interface circuits, digital data transmission, microwave, antennas, signal behavior amplification and display.
 2. Ability to troubleshoot, install, repair and maintain complex electronic systems where circuit theory must be used to understand the operation of individual circuits.
 3. Ability to understand the interaction of a number of complex, interrelated circuits to determine the cause of a malfunction and the interaction of various factors.
 4. Skill in the use of electronic test equipment such as systems test sets, frequency meters, standing wave indicators, oscillators, ohmmeters, voltmeters.
 5. Skill in the use of special and common hand tools, power tools and gauges.
 6. Basic working knowledge of computers.

EDUCATION SUBSTITUTION:

Completion of 30 semester hours of study in an accredited college or university may be substituted for a max of 6 months of the specialized experience. Courses must be directly related to the duties of the position.

MILITARY TRAINING: Training in the appropriate arena will be credited on a week for week basis.

APPOINTMENT FACTORS/CONDITIONS OF APPOINTMENT:

- a. Time of placement is dependent upon resourcing from NGB.
- b. Individual selected may be required to obtain a secret security clearance.
- c. Must participate in Direct Deposit/Electronic Fund Transfer.
- d. **Individual recommended for the position will not be approved for appointment until the appropriate physical examination is completed and approved. The results of the physical may be shared with the individual's military chain of command.**
- e. Permanent Change of Station (PCS) expenses may not be authorized for this position. Authorization for payment of PCS expenses will be granted only after determination is made that payment is in the best interest of the North Dakota National Guard. **PCS for initial hires is not authorized.**

1. HOW TO APPLY: Visit us on the Web: <http://www.ndguard.ngb.army.mil/joblisting>

a. See attached "Applying for a Technician Position with the NDNG"

b. Ensure that all work experience, both Civilian and Military, related to the job you are applying for is described in full to include dates of employment.

c. Application must be submitted to the Human Resource Office (HRO), RJB Armory, Rm 424 or mailed to: NDARNG, J1ND-DHR-PSS, PO Box 5511, Bismarck, ND 58506-5511 (Street Address: NDARNG, RJB Armory, Rm 424, J1ND-DHR-PSS, 4200 E. Divide Ave, Bismarck, ND 58501) to ARRIVE no later than close of business (1600Hrs) on the closing date. Applications must be submitted in hardcopy with original signature. Applications received via email or diskette will not be accepted as complete applications. HRO Commercial Telephone: BISMARCK (701) 333-3365.

2. EDUCATION will be credited on a basis of 30 semester hours or 45 quarter hours equals one year of study

3. MILITARY SERVICE will be credited on the basis on one year of credit for one year of National Guard Service.

4. MILITARY TECHNICIANS in the excepted service will wear the military uniform appropriate to their service and grade when performing as a technician. They will comply with the appearance and weight standards contained in the appropriate regulation.

5. VETERANS PREFERENCE: The National Guard Technician Act of 1968 (PL 90-486) specifically excludes use of veterans preference for appointments made under the authority of 32 U.S.C 709. All appointments in the NDNG are made under Title 32 U.S.C.; therefore, Veterans Preference is not applicable.

6. EQUAL OPPORTUNITY: The North Dakota National Guard is an Equal Opportunity Employer. Selection for this position will be made without regard to race, color, religion, age, national origin, sex, political affiliation, marital status, membership or non-membership in employee organization or any other non-merit factor.

7. Government postage and/or envelopes WILL NOT be used to submit applications.

8. Acceptance of a Permanent or Indefinite Excepted service position will cause termination from Selected Reserve Incentive Program (SRIP) & Military Bonus Programs (Recoupment is dependent on type of bonus individual has).

APPLYING FOR A TECHNICIAN POSITION WITH THE NORTH DAKOTA NATIONAL GUARD

IMPORTANT: Please read this page before you submit your application!
**YOU MUST BE AWARE OF THE CONTENTS OF THIS INSTRUCTION SHEET
TO COMPLETE YOUR APPLICATION PROPERLY.**

You, the applicant, are responsible for the completion and turn-in of your application, all contents, and attachments. The HRO is not responsible to inform you that your packet is incomplete. However, the Human Resource Office is available during normal working hours to review your application. Call (701)333-3365 (Bismarck) or (701)451-2267(Fargo) to set up an appointment. Once the vacancy announcement has closed, no further amendments/attachments may be added to the application.

At a minimum, your packet must include the following information.

1. A resume, **OR OF 612**. (Please do not use the ND State Application Form or NGB 34-1, Application for Active Duty Tour (AGR))
Applications must be submitted in hardcopy format with original signature. Email or diskettes will not be accepted as a complete application.
2. **Announcement number** and **title of the position** for which you are applying.
3. Your **full name**, **mailing address**, and **appropriate phone number(s)**.
4. Your **military grade**, **unit of assignment**, and **MOS/AFSC**.
5. Your **Social Security Number** and **Birth Date**.
6. A typed or neatly printed **detailed narrative** of your work experiences (paid or unpaid), training, education, and/or other information that relates to the position advertised. Use **complete dates** to indicate the amount of experience you have. A **complete date** consists of MM/DD/YY. If written as MM/YY, then credit can only be given for the last day of the month to the first day of the month (i.e., 12/97 to 4/98 would be credited as 12/31/97 to 4/1/98); by giving just years (i.e., 1998-1999) credit will only be given from 12/31/98 to 1/1/99. Include pertinent military experiences, describe duties in your own words. **The Qualification process will grant credit only for sufficient information.** You may use continuation pages to include all related experience. Ensure that both military and civilian experiences are fully described, including time frames. **REMEMBER: COMPLETE DATES MUST BE USED.**
7. **Method of Evaluating Qualifications:** Candidates are evaluated on the Knowledge's, Skills and Abilities (KSAs) listed on the reverse of the vacancy announcement. **Failure to address the KSAs may deem the applicant not qualified for the position.** In addressing each KSA you should describe, accurately and completely, the tasks, activities, education, and experience which demonstrates the KSA. Include all military experience (Active Duty and Reserve Component), qualifications or training in a MOS/AFSC. Be specific as to the MOS/AFSC you possess and number of months experience. The number of months of actual experience is the qualifying factor. Education may be substituted and combined with experience as defined in the Education Substitution section of the announcement.
8. If you have completed any **COLLEGE COURSES** and you feel that it will help you qualify, **you may include copies of your COLLEGE TRANSCRIPTS WITH THE APPLICATION. IF A TRANSCRIPT IS REQUIRED IT WILL BE STATED ON THE POSITON VACANCY ANNOUNCEMENT.**
9. **DO NOT** use Appraisals or Appraisal Standards as proof of your experience.
10. **DO NOT** use binders, folders, or notebooks when you turn in your application.
11. Regulations require original signature and date on all applications. **LACK OF A SIGNATURE CONSTITUTES AN INCOMPLETE APPLICATION.**
12. The original application must be received in the HRO **not later than** close of business on the closing date. **Government postage or envelopes WILL NOT be used to submit applications.**
13. **Acceptance of a Permanent or Indefinite Appointment with the NDNG will terminate enrollment in the Tri-Care Reserve Select Health Benefits program. Federal Law does not permit employees who are eligible for Federal Employee Health Insurance to carry Tri-Care Reserve health insurance.**
EXPLANATION: An EXCEPTED position is exempt from normal procedures used in hiring for Federal Civil Service in that applicants are neither formally tested nor obtained from a register. EXCEPTED Technicians, during the course of employment, will receive the same benefits as all other Federal employees, including coverage under the Civil Service Retirement System or Federal Employees Retirement System. EXCEPTED Technicians are required to wear appropriate military uniform, and must become active members of the North Dakota National Guard. An INDEFINITE appointment may be terminated at any time with a 30-day notice. **Applications of non-selected applicants will not be returned, and will not be transferred to another vacancy file. A new application must be submitted for each vacancy.**

DO NOT FORGET TO KEEP A COPY OF YOUR APPLICATION.